ஒரு தாளேடு

பண். 8967

147

செப்பனிடுவதற்காக எடுத்துக்
கொள்ளப்பட்ட

மாதம் வருடம் 1984

செப்பனிட்டு முடித்த

மாதம் வருடம் 1984

ஆராய்ச்சி உதவியாளரின்
கையொப்பம்.

8967
30097

Papers for ...

Madura Collector Office.

	Secretary Govt.	Extract from ... Consultation ... dated the 13/2/51 ... relating to the ... for the ... of the Superintending allowance in P.W.D
14	The Commission of Enquiry into the System of P. Works in the Madras Pr.	Printed list of Queries related to the Public WS Department.
6	Secy & ... Ch. P.W.D	Communicating ... recommendation that the cost of masonry work on Road No 3 ... be charged to Govt.
	President of ...	Soliciting information on the extent of actual cultivation in the ...
24		Communicating G. O that the requisition ... should be ... to the Civil Dept & not to the Pagoda Funds in future

List of Re[illegible]

M[illegible]

Date.	[illegible]	[illegible]ved.
6/7/51	[illegible]dent [illegible] Commiss[illegible] [illegible]ers M. P. M. [illegible] System [illegible] the Madras Pg	Printed [illegible] relating [illegible]

Statement shewing the amount of the additional Revenue obtained & of the expense incurred by the prolongation of & the excavation of Field Channels from the rivers Bhowany & Noyel [illegible] the cession of the [illegible] Co. of Coimbatore [to] the British Govt from July 12 1848 [illegible]

List of Retainable papers for 1851

Received Letters. Maramuth[illegible] Madura Collector's Office.

		From whom received.	Subject
7.[illegible]	81	[illegible] Board of Rev	List of Special [illegible] & other works of irrigation performed in the Madras Presidency from 1836-48 - Showing the Gross Profit and an annual percentage of increased revenue on the outlay amounting to $50\frac{3}{8}$ P. C on an expenditure of Rs. 10,17,854 $\frac{3}{4}$
23/4/51	144	Commissioners of Enquiry into the system of P. Wks in the Mr. Py.	Soliciting information on the points stated in the printed list.
[illegible]/11/51	856	Secy. Bd of Rev. P. Wks	notifying to the Collectors that district projects are to be entered in the lists as single works.
11/2/51	71	Civil Engineer 8th Divn	Correspondence relating to the Construction of the Head Sluice to the channel supplying Idoombancoolam Tanks with special reference to the ~~rights~~ rights of the Neyk Coody [illegible] & the Govt. ryots.

List of Retainabl[e] [P]apers for 1851.

[Dis]t[rict] [illegible] Madura Collector's Office

Date.	Number.	[From whom] received.	Substance
12/2/51		Engineer [in] charge of 8th Divn.	Correspondence relating to t[he] [illegible] and channe[l] [illegible] belonging to Sittamandal & villages in Ramnad lately assumed by Govt.
20/2/51	223	Ag. Collr of Trinevelly	[Su]mmary of the recommendations of the 1st asst Civil Engineer, for the construction of a cross wall to an aqueduct near [illegible] of Pa[illegible] mal Taluq in this Dist belonging to the Ramn[ad] [illegible]
31/5/51	83	Ag. Sub-collr	Correspondence relating to the Supply of water [as between] the Ryots of [illegible] & the Zumindar of Ayacoody.
1/4/51	86	Civil Engineer 8th Divn	Suggesting [illegible] the cost of construct[ing] [illegible] for the irrig[ation] of the lands belonging to the Zumindary, should be met with by Govt.

3

List of Retainable papers for 1851.

Received Letters. Marasmut Madras Collector's Office.

		From whom received	Subject.
...l 51	..	1st Asst. Civil Engineer. 8th Divn.	Correspondence relating to an image from Sivanadha Pappa Moodelly of the Stivillipatur Taluq respecting the Site of a Calingulah for Shunenthepitty Tank in the Tirumangalam Taluq.
7/4/51	...	Civil Engineer 8th Divn.	Requesting the collector of Tinnevelly to direct the Tahsildar of Strivilliputtur to hold an enquiry into the objection of a Munsiff Sodar of [illegible] Kolam in the Strivilliputtur Taluq, to the construction of a Calingulah of discharge in Seventheepetty Tank of Tirumangalam Taluq.
..4/51	159	Civil Engineer. 8th Divn.	Correspondence relating to the complaint by Mr. Fernd. Claire [illegible] certain villages & land in the Chinnai ... nook Zemy. are likely to be injured by the increase of water in the Machecolam Tank Consequent upon certain P. W. D. repairs.

List of Retainable papers for 1851.

Reco[illegible] Lette[illegible] [illegible] Madura Collector's [illegible]

Date.	Number.	From whom received.	Substance.
[illegible]/4/51	42	Renter of the Ammayanaickanoor Zemindary	Complaining of the injury likely to ensue to the villages of Shadayanpatty & Sholavandam belonging to the Ammanaicknoor Zemy. consequent on the proposed repairs of the Vadivelcolam Tank.
1/5/51	163	Civil Engineer 8th Division	Correspondence relating to the Channel supplying the Iroombancolam Tanks in continuation of letter No 7 of 11/2/51 above referred to.
"	"	Asst. Sub-Collector	Plan relating to a water dispute between the Ayacootty Zemindar and Puluny Ryots.
26/5/51	185	Civil Engineer 8th Divn	Correspondence relating to the tanks of Periamenthal and Sithamendal, situated in the Ramnaad Zemindary but lately assumed by Govt.

4

List of Retain[illegible] for 185[illegible]

Received Letters Marava[illegible] Madura Collector's Office.

Number.	From whom received.	Substance.
203	Civil Engineer 8th Divn	Communicating the result of an enquiry into the dispute between the Pachicolam and Sellacolam ryots, the former belonging to Maravacolam ?ty & the latter to Ammaia Naicknur Zemindary.
		English Plan connected with A. S. No. 19 of 1850.
221	Civil Engineer 8th Divn	Correspondence relating to the dispute on the subject of Rangappa Naicken and Vappencolam Tanks.
223	Civil Engineer 8th Division	~~Soliciting~~ Requiring to send the document shewing the Ringat Tyacut of Rangappa Neickan Colam Tank to the Tashildars of Shriwillputhur and Tirumangalam, for the purpose of settling a dispute consequent upon the erection of a bund by the Vapen Colam people belonging to Marava
80	Ag Sub-Collector	Communicating Tashildar's report that the repairs of the work of the Mailmongalam Aniecut, were executed at the cost of the villagers.

List of Retainable papers for 1851.

Received Letters. Marams

Madura Collector's Office.

Date.	Number.	From whom received.	Substance.
25/7/1851	233	Civil Engineer 8th Divn.	Recommending that the Bridge and pavement in question would not have sufficient water way for the stream across which the Tashildar wishes to build them.
30/7/51	241	Civil Engineer 8th Divn.	Correspondence relating to the subject of Thirua-colum in the limits of Goodulaur in the Shenkunni Taluq.
29/9/51	276	Do	Communicating the results of an enquiry by the Tashildars of Tirumangalam & Shrivilliputtur into the dispute between Lungapanaickan colam belonging to ~~Madura~~ Tinnevelly and Vapen colum, belonging to Madura, on the construction of a [illegible].
19/12/51	237	Do	Correspondence relating to the enlargements of 6 tunnels on Road No. 4, between Madura & Pasumalai which is being gravelled from the Meenatchee Pagoda Funds

5

List of Retainable papers for 18[illegible].

Received Letters March 18[illegible] Madura Collector's Office.

Date.	Number	From whom received.	Substance.
19th [illegible]	338	Civil Engineer 8th Division	Stating his opinion not to lower the channel by which the Perumal Pagoda Teppa Colam is supplied below the level of the floor of the bed

R! Public Works Department

No 51

[Ex]tract from the Minutes of Consultation
Under date the 18th February 1851

× ×

And he concurs in opinion with the Board that where the Estimate for a work provides for allowance for [co]
Superintendence, such allowances should be audited as an item of the Estimate and not as a personal allowance; but the adoption of this course depends on the manner in which the Monthly payments are [?] charged in the accounts. Instead of the allowance being regularly debited in the Accounts of the "Collector" as stated in the Civil Auditor's letter to the Board dated the 9th November last, it should be included in the Bill for the work and passed under the sanction granted to such Bill. The Collector should therefore be instructed not to exhibit in

future

future the payments on this account separate-
ly and distinctly as a personal allowance
in his Monthly Journals; and the Board,
in submitting the Bills for works in which
allowance for Superintendence may be in-
cluded, should specify in the Abstract &
usually furnished in their letter the amount
of such allowance sanctioned in the
Estimate and the Amount actually paid;
in order that the Government may be
satisfied that the sum allowed in the Es-
timate was not exceeded.

(A true Extract)
(Signed) H. C. Montgomery
Chief Secretary

To
The President & Members
of the Bd. of Rev. D.P.W.

(True Extract)
J. H. Bell
Secy Bd of Rev. D.P.W.

Compt. Rd

10052

Fort St. George, 9th April 1851.

No. 14.

CIRCULAR.

From

The Commissioners of Enquiry into the system of Public Works in the Madras Presidency.

To

The Collector of *Madura.*

Extract from Minutes of Consultation P. W. D. Feby. 17, 1851, No. 57.

Sir,—With reference to the Order of Government noted in the margin, I have the honor on the part of the Public Works Commissioners to annex a list of Queries, to which [illegible] that you will favor them with replies at your earliest convenience.

I have the honor to be,
Sir,
Your most obedient Servant,

[signature]
President of the Commission.

QUERIES.

1. Be pleased to state in detail all the processes in the disbursement of money and settlement of accounts for maraumut work done; from the issue of the money from your treasury to the final adjustment of the account in your office.

2. It is presumed the money goes first to the Talook Treasury; how long does it lie there generally, and what guarantee have you that it is not misemployed?

3. To whom is the advance for work made by the Tahsildar; in the case of rough work such as earth and rough stone, and in that of skilled labour, such as brick or stone masonry?

4. If it is paid to the Village Monigars have you any reason to suppose that it is ever or commonly misapplied by them to their own purposes, to the delay of the work? and what check do you employ, to prevent or discover such misapplication?

5. If it is paid to the work people themselves, is it on the security of the Monigar or others? and if so, does not the money in fact lie in the hands of the sureties? and what check or guarantee have you that it is not misapplied by them: and that it is duly paid to the work-people from time to time, so that the work shall not be delayed?

6. It is presumed that daily accounts are furnished, (in the case of all works except earth and rough stone which is paid for by the cubic yard,) showing for each day the number of workmen at work and the materials received; by whom are these daily accounts kept, and when are they given into the Talook Cutcherry, or your Cutcherry? and have you any reason to suppose that these daily accounts are ever or commonly not bona fide prepared at the time, but made up afterwards?

7. If the daily accounts are thus ungenuine, how are the general accounts for the work made up? and have you any reason to believe that the total charge, or the total of each item of charge, is ever made up to suit the estimate?

8. It is believed that the signature of the work-people is taken to the accounts of a work after they are closed, in testimony that they have received all the money there set down as paid to them respectively—what is the practice in your District in this respect? to what accounts or receipts, and before what Officer, is the signature of the work-people taken? what means have they of ascertaining that the sums entered in the receipts or accounts agree with what they have actually received respectively? and admitting that they have ample means of satisfying themselves on that point, what is the real value of the guarantee afforded by their signature? may they not on the one hand be coerced without actual force to sign for the whole when they have only received a part; or on the other, may it not be a thing understood and submitted to, that a certain proportion of the sum signed for shall go to certain Government Servants?

9. Have any circumstances come to your knowledge to induce belief that either in your present District or in any other in which you may have been formerly employed, a per centage of the money paid by Government for maraumut work, usually goes to the Servants of Government? and if so, what per centage, and to what Servants?

10. Supposing such untruthfulness and peculation as are indicated in the last four questions to exist generally or partially, how in your opinion can the evil be diminished or prevented, without creating a new evil, viz. without establishing a cumbrous or costly system of check, which after all would probably be effectual in appearance only? You are requested to give your best consideration to this question; for it is evident that if the accounts of expenditure are false originally, no arithmetical test of multiplication and addition can afterwards make them true.

11. Be good enough to forward to the Commissioners a list of the rates established for the different sorts of work and of materials, in each Talook of your District; and explain in a column of remarks the reason of any material difference that may appear between the rates in different Talooks, and between those in Talooks of your District, and in adjoining Talooks of the contiguous Districts.

12. When were these rates established? by whom were they prepared, and on what data? were they approved by the Civil Engineer? do you consider them to be now correct, or do they require modification? if the latter, in what particulars, and in what direction?

13. Do you consider the present rates sufficiently high to insure the Government work being executed by voluntary labor, supposing the whole duly to reach the proper parties? and have you reason to believe that the labour by which the works are executed is other than voluntary?

14. Are you of opinion that the rates could be materially reduced by the introduction of European skill and apparatus, in preparing materials and performing work.

15. Have any instances occurred in your District, in which the employment of a European Overseer to execute a work has led to its being done at a cost materially below the established rates, or below the rates usually charged for similar works? if so, did the reduction appear in the cheaper cost of materials, the smaller quantity of materials used, (in brickwork for instance,) or in the greater quantity of work done by each man in a given time, or in any other ways? be good enough to give briefly a detail of such works, explaining at the same time how much is fairly to be charged to the work as the Overseer's pay.

16. Is it at all the practice in your District to execute work by contract, and what opportunity have you had of observing the working of the contract system? what is your opinion of this system as compared with that of executing work by means of Government Officers, with reference to the goodness of materials and work, saving of expense, and cost of superintendence and inspection?

17. What species of work if any may in your opinion be properly done on contract; and to what species if any, do you consider the system unsuitable? are men of capital to be found, willing to undertake, and able to make good, such engagements? and are there so many of this class as to ensure a fair competition?

N. B.—These two questions refer to the execution of work by contract; not to the supply of materials, and not to the piece work of tank-diggers.

18. Of all the periodical or other statements received by you from the Talooks, or sent by you to the Civil Engineer or Board of Public Works which do you consider the most useful; and which might in your opinion be advantageously discontinued, abridged, altered in form, or united with other statements; with a view either to save time or labour, or to increase the usefulness of the statement?

19. Under the existing rules Collectors are empowered to execute ordinary and emergent works without previous sanction; are you of opinion that any benefit and what, would result from extending this power within certain limits to some of the works now styled occasional and so needing previous sanction; and if so, how would you restrict the power?

20. Would you propose any and what change in the present form and detailed contents of estimates sent up for sanction, so as to relieve the Officers sending them up—as well as those examining them, from some of their present labour; reserving the close inspection of the controlling authority for the bills? and could this be effected without unduly increasing the responsibility of the Officers sending up the estimates?

21. Be good enough to furnish a statement showing the amount of your bills for ordinary irrigation works for the five years 1845 to 1849, the periods at which they have gone up from your Office, the dates of their submission to Government by the Board of Public Works, and the date of the final sanction of Government.

22. Be good enough to furnish two statements in the following form (viz. one for works of irrigation and the other for works not of irrigation) of the occasional works completed before the 31st December 1849, but of which the accounts had not been finally adjusted and sanctioned at that date.

Nature and name of the work.	Amount of the estimate.	Date of the estimate.	Date of sanction for the estimate.	Date of completion of the work.	The Bill for the work.					Remarks.
					When received from the Talook.	When sent to Civil Engineer.	When submitted by Board to Government.	When sanctioned by Government.	Its amount.	
1	2	3	4	5	6	7	8	9	10	11

Note.—In this statement each work of and above 200 Rupees value should be entered separately; those under that value all in one, the first and last dates of the estimates, &c. being given. The remarks should explain any unusual delay either in executing the work, making up the accounts, or submitting the bill.

23. Can you suggest any measures calculated to expedite the adjustment of the accounts of works, and the submission of the bills for the sanction of Government?

24. Give a list of your Maistry establishment, from the Superintendent downwards; showing both their pay, and the Talook or other divisions under the charge of each—what in general are their qualifications? what is their standing in the scale of rank and estimation?

25. On what duties are they employed; in superintending the execution of work, in surveying, in making estimates, and any other? What means do you employ to ensure their activity and to keep yourself informed of their operations?

26. From what class are they taken, and with reference to what qualifications is the selection made? Do you find it difficult to obtain well qualified men?

27. What means would you suggest for improving the class of Maistries? With the view, 1st of raising their social position and making them more independent, 2d of giving them elementary theoretical knowledge and practical experince, and 3d of stimulating them to self-improvement as well as to the zealous and honest performance of their duty?

28. Supposing the qualifications of the Maistries to be thus raised, what number should you consider sufficient for the work to be done in your District and in what gradation? Might not a smaller number with improved qualifications and higher salaries, do the work of a larger number of the existing class? and would you recommend any and what changes in the rules for the employment of Hungaumy Maistries?

29. Be good enough to furnish the Commission with a statement in the following form:

STATEMENT of the amounts expended in the District of Madura in certain years, in certain branches of maramut work.

Years.	Works of Irrigation.				Works not of Irrigation.				Total.
	Ordinary.		Occasional.		Roads.		Buildings.		
	Repairs in earth and rough stone.	Repairs or re-building sluices and calingulahs.	Improvement or extension of existing works.	New works or the restoration of old and ruined works.	Trunk Roads.	District Roads.	Repair and enlargment of old buildings.	New buildings.	
1820									
1825									
1830									
1835									
1840									
1845									
1849									

N. B.—In this statement the fractions of a Rupee should be omitted. If the accounts of any one of the years specified should be defective, the year before or after may be taken instead. The column for "Trunk Roads" should include only the sums expended by the Superintendent of Roads.

30. Be good enough to give a statement of the Nunjah cultivation and Revenue of your District for the last twenty years, viz. Fuslies 1240 to 1259 inclusive; showing the average of each five years, and with explanations of any remarkable variation in any year. Are you of opinion that the supply of the tanks and channels is more full and more regular now than formerly, so as to give a better return to the Cultivator; and if so to what is the improvement attributable?

N. B.—The statement should be in whole cawnies or acres and rupees; omitting fractions.

31. On the whole as far as your experience and observation enable you to judge, what is your opinion as to the efficiency of the Maramut Department now and 10, 15, or 20, years ago; of the Collector's branch as one of execution, disbursement and account, and of the Civil Engineer's branch as one of projecting and estimating for works, and of inspection and check? In what respect has the department improved, and how may further improvement be effected?

(For the Commission.)

J. Boundillon

President of the Commission.

4

From

The Manaument

Commissioners

Dated 9th April 1851.

20

17

April 1851

No. 58.

Extract from the Proceedings of the Board of Revenue in the Department of Public Works under date the 16 April 1851

Read again Diary (Examination) of Lieutenant O'Connell First Assistant Civil Engineer Eighth Division for November 1850.

Here Enter dated January 31st 1851.

Ordered that the Collector of Madura be requested to report what notice
19° has been taken of the report of Lieutenant O'Connell on the bad work performed to the Harangalam Tank.

18 to 21st It appears to the Board that the cost of the Masonry work on Road No. 13 which was carried away, evidently from being built too late, should not be charged to Government.

Ordered to be communicated

to the Collector of Madura and Civil
Engineer Eighth Division

(a true Extract)

Dept 15th April 18[illegible]

A. R. Bell
Secy Dept Rev D. P. W.

To
The Collector
of Madura

Compd [illegible]

Answered 16 June 51

May 23/51

32 14

Fort Saint George,
Commission Office,
26th May 1851

No. 42

From
The Commissioners of Enquiry into the
System of Public Works in the
Madras Presidency

To
R. D. Parker Esqre
Collector of Madura

Sir,

In a Statement which the Public Work Commissioners have procured from the Board of Revenue the cultivable Nunjah Circar ayacut of your District for Fusly 1259 is given at 88,106 Cawnies, and the actual cultivation at 58545 Cawnies the Commissioners will be glad to have your opinion whether the whole extent thus set down as cultivable ayacut has ever actually been cultivated as Nunjah, and whether it could be so if the various works under which it lies were in the most efficient condition - If the whole extent is not supposed to be so capable of irrigation and

and cultivation what proportion may be considered to be so. The Commissioners request also that you will inform them what was the greatest extent of Nunjah cultivation out of the Ayacut above specified, ^on within the last twenty or thirty years; with the assessment of such greatest extent of cultivation.

- May one year

I have the honor to be,

Sir,

Your most Obedient Servant,

[signature]

President of the Commission

Ex.d

Kristnah Row

Copy sent to the Acctt Genl
21st June

June 13/51

Department of Public Works

No. 408

To

The Chief Secretary
to Government

Sir,

1 I am directed by the Board of Revenue to submit for the consideration and orders of Government the accompanying letter

March 26/51 from the Collector of Tinnevelly on the subject of the source from which the regimental allowances of Captain Boswell Superintendent of the Shevacasee and Tuticoreen road should be disbursed.

March 14/51 2 It appears from a copy of a letter to the Collector from Mr. J. D. Lushington that the Accountant General has authorized the disbursement of Captain Boswell's

allowances

allowances from the "available pagoda funds" in the district of Tinnevelly.—

3. The Collector objects to this arrangement, and in the opinion of the Board justly so, since the sanctioned Estimate provides only for the salary and tentage of Captain Boswell, who is entitled to his other allowances as a matter of course, and not in virtue of the civil appointment which he holds.—

4. The Board therefore direct me to recommend that the rule laid down by Government in the case of Lieutenant Carpendale may be applied to Captain Boswell and to Ensign Lawford who holds a similar appointment in the same district, and that

Mins Cons. Feby 13/51 No. 54

25

that the regimental allowances of these Officers be debited to the Civil Department and not to the Pagoda funds.—

I have the honor &c.

Madras
24th April 1851.

(Signed) J. H. Bell
Secry Bd. of Revu. D.P.W.

Public Works Department

No. 190.

Extract from the Minutes of Consultation under date the 3d June 1851.—

The Right Honorable the Governor in Council observes that as the Estimates for the Road through the Cotton Districts to the Port of Tuticoreen the cost of which is to be defrayed from the surplus Pagoda funds, include only the Civil allowances of a Second Assistant

Assistant Civil Engineer, only such allowances and no more are properly debitable to the Pagoda Funds. He directs therefore that the Regimental allowances of Captain Boswell and Ensign Lawford be debited to the Civil Department and not to the Pagoda Funds, and that this course be observed in like cases in future.—

To The President & Memb.^rs of the B.^d of Rev.^e in the Depart.^t of P. Works.

A true Extract
(Signed) H. C. Montgomery
Chief Secretary

No. 491.

Ordered that copies of the foregoing correspondence be communicated to the Collectors.

Ans 25 Aug 1851

CIRCULAR.

Fort St. George, 26th July 1851.

No. 61

From

The Commissioners for reporting on the Public Works System in the Madras Presidency.

To R. D. Parker Esqre

Collector of Madura.

Sir,

1. The Public Works Commissioners have the honor to request that you will oblige them with information as to the practice of the Treasury and Account Department of your Cutcherry on the following points, in connection with the disbursement of money for expenditure on public works.

I. When sanction is received from higher authority or given by you, as the case may be, for the execution of any work, is it the practice to carry the whole amount immediately to the advance or deposit account; or is the advance debited only when the money is actually issued from time to time from the Treasury.

II. After the work is completed, how is the unexpended balance of the Estimate if any, brought to account? That is to say, 1st If the whole amount of the Estimate or Sanction is carried to deposit account, how and when is the amount not actually issued from the Treasury re-credited? and 2dly With respect to money sent as advance to the Talooks, when is the unexpended portion remitted to the Treasury, and how and when is it re-credited in the accounts? 3dly Is it the practice to bring to account immediately, the surplus over and above the Tahsildar's accounts or valuation of a work, or to allow the whole to remain as an advance till the Civil Engineer has visited the work? and 4thly If the work is not inspected at all by that Department, when is the unexpended balance brought to account?

III. Do your accounts, or do the Talook Treasury periodical reports, show the advance and balance on account of each individual work, or only each particular sanction, or each class of works?

IV. Be good enough to transmit to the Commissioners the whole transactions of the official year 1850–51 extracted verbatim from your Journal and Ledger for that year; that is to say the amount of advances outstanding at it's commencement and close, and all the advances, all the adjustments, and all the re-credits, made during the year, with remarks showing the date and purport of the authority for each transaction; and with explanation of the cause of the delay when an advance has been very long unadjusted.

V. Be good enough also to forward a memorandum of the sums outstanding as advances for public works, as they stood on the 1st May of each of the last ten years; and under the same heads under which they stand in your books. The memorandum should also show the expenditure under each of the same heads, in every year from 1838 to 1850.

[Margin note beside IV–V: Forwarded ... under cover ... 10 Septr 1851]

VI. Lastly you will be pleased to inform the Commission whether you employ any and what means to ensure that sums entered in the deposit or advance accounts shall be duly brought to account, or adjusted, from time to time; and to assure yourself that this is done.

2. The first three and last of the foregoing questions relate only to points in the usual practice of your Cutcherry, and it is hoped that they may be answered without difficulty or delay. The 4th and 5th questions require the extraction of some entries in your accounts, and the 4th also perhaps the examination of some letters of sanction and other papers. The Commissioners believe that the preparation of replies to these two questions likewise will not involve much time or labour; but should there be any considerable difficulty about the remarks and explanations in reply to question IV, they request that those remarks and explanations may be omitted. The Commissioners beg to request that you will oblige them by expediting these replies as much as possible, and they trust that you will be able to dispatch them within three weeks from this date.

I have the honor to be,
Sir,
Your most obedient Servant,

J. D. Bourdillon

President of the Commission.

Exd

Kristnah Row

LIST OF SPECIAL AND OTHER WORKS OF IRRIGATION PERFORMED IN THE MADRAS PRESIDENCY FROM 1836 TO 1848.

DISTRICT.	Name of Work.	Amount of Expenditure.	Cultivation and Revenue before influence of work felt.		Highest Cultivation and Revenue since influence of work felt.		Total increase of Revenue derived since influence of work felt.	Total decrease of Revenue since influence of work felt.	Difference.		Average Annual		Gross Profit.	Annual per centage of increased Revenue on the outlay.	REMARKS.
			Cultivation in Acres.	Revenue.	Cultivation in Acres.	Revenue.			Increase.	Decrease.	Increase.	Decrease.			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
		Rs.	Acres.	Rs.	Acres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	P. C.	
Rajahmundry.	1 Raising Godavery Bank, and constructing 27 Sluices in the Tanookoo &c. Talooks.	7302	......	9090	......	11981	In 1 year 1991	......	1991	......	1991	......	......	$27\frac{1}{4}$	Performed, for the purpose of preventing excessive inundation of the lands by the river freshes, at the recommendation of Captain De Butts.
do ..	2 Theolia Bagah	18509	3824	17654	4757	24075	In 3 years 17923	......	17923	......	5974	......	......	$32\frac{1}{4}$	An old flood water channel on the left bank of the Godavery, re-opened by Lieut. Col. Cotton—has since become one of the main ducts from the Anicut.
do ..	3 Samulcottah Channel	24068	3317	17825	4672	32847	In 3 years 27755	......	27755	......	9252	......	3687	$38\frac{7}{16}$	A new channel led off from the former on the highest possible level, as far as Samulcottah. Both these works were done before the Anicut was commenced.
do ..	4 Boopiah Calwah														An old flood water channel re-opened by Captain De Butts from the right bank of the Godavery, now fed from the Anicut.
do ..	5 Gosta Nuddee	47521 7	14133	49998	20101	70998	In 5 years 82784	In 1 year 10461	72323	......	12054	......	24801	$25\frac{3}{8}$	A continuation of the Boopiah Calwah.
do ..	6 Apparow Calwah														Similar to the Boopiah Calwah.
do ..	7 Woosalamurroo do. and other minor channels connected with these four														Similar to the Boopiah Calwah and also re-opened by Captain DeButts, now a main duct from the Anicut.
Masulipatam.	8 Pulleiroo Channel	26198	2225	9516	11154	53998	In 7 years 176593	In 2 years 11942	164651	......	18294	......	138733	$69\frac{3}{4}$	An old disused flood water channel from the left bank of the Krishna, re-opened by Captain Buckle.
do ..	9 Boodemair do	10767	Not known produce being divided	17510	Not known produce being divided	28915	In 3 years 26652	In 4 years 29468	......	2816	......	402	......	loss $3\frac{3}{4}$	A new flood water channel from the left bank of the Krishna above Bezoarah, opened by Captain Buckle.
do ..	10 Apparow do { Bhitterzully	6963	do	6003	do	33176	In 5 years 103762	......	103762	......	20752	......	......	298	The prolongation in the Masulipatam District of the same channel, whose head is in Rajahmundry.
	{ Baherzully			38313		70050	In 4 years 45711	In 1 year 17549	28162	......	5632	......	124961	$80\frac{3}{4}$	
do ..	11 Repair of Krishna Bank in Dévaracottah..	4319 7	......	23932	......	59319	In 3 years 97613	......	97613	......	32538	......	......	$753\frac{1}{3}$	An ordinary river embankment which had fallen out of repair.
Guntoor.....	12 Toongabuddra Channel and Sandole Tank.	35640	Not known produce being divided	13749	Not known produce being divided	53159	In 2 years 77527	......	77527	......	38763	......	41877	$108\frac{3}{4}$	A new flood water channel from the right bank of the Krishna, projected by Captain Buckle and opened by Captain Best.
do ..	13 Alloor Tank and Vellatoor Channel from the Krishna	7019	do	295	905	9224	In 8 years 49157	......	49157	......	6145	......	42138	$87\frac{1}{2}$	A tank fed by a new channel from the right bank of the Krishna, opened by Captain Best and projected by Captain Buckle. The amount in col. 5 is the average of two years, there being no return of earlier years in which doubtless the revenue must have been higher. The bonâ fide profits are therefore less than they are here stated, but the channel has been of very considerable benefit.
do ..	14 Sundry Tanks including Ivany Tank......	19628	do	23756	12616	79144	......	......	Net increase in 2 years 74415	......	37207	......	54787	$189\frac{1}{2}$	Mostly old works which received repair and improvement.
Nellore.	15 Veroor River Channel	1751	791	4836	1206	7211	In 2 years 4702	......	4702	......	2351	......	2951	$134\frac{3}{4}$	A new head from the Pennair opened by Captain De Butts.
Cuddapah ...	16 Tungatoor Dyke	4232 2	249	2224	358	3217	In 3 years 2725	......	2725	......	908	......	......	$21\frac{3}{8}$	An old embankment for the preservation of valuable lands from the floods of the Cheyair, restored at the recommendation of Captain Bell, under the direction of the late Captain Shaw.
Bellary	17 Nimbulgherry Tank	3201	Not reported	50	Not reported	717	In 3 years 1855	......	1855	......	618	......	......	$19\frac{1}{4}$	A tank breached many years ago and restored at the particular recommendation of Mr. Mellor, to prevent the village from being ruined and deserted.

DISTRICT.		Name of Work.	Amount of Expenditure.	Cultivation and Revenue before influence of work felt.		Highest Cultivation and Revenue since influence of work felt.		Total increase of Revenue derived since influence of work felt.	Total decrease of Revenue since influence of work felt.	Difference.		Average Annual		Gross Profit.	Annual per centage of increased Revenue on the outlay.	Remarks.
				Cultivation in Acres.	Revenue.	Cultivation in Acres.	Revenue.			Increase.	Decrease.	Increase.	Decrease.			
1		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
			Rs.	Acres.	Rs.	Acres.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	P. C.	
Chingleput..	18	Spring Channel for the supply of Poosewakum Tank	1601 14	192	698	316	1086	In 1 year 388	......	388	......	388	......	......	24 3/16	An ordinary improvement recommended by the late Captain Vardon.
do ..	19	Re-opening a river Channel for the supply of the Manapakum Tank	1494 2	87	553	144	1095	542	......	542	......	542	......	......	36¼	Do do do do
do ..	20	Porel Tank supply Channel	10686	1256	4493	1908	8329	In 6 years 19340	......	19340	......	3223	......	8654	30⅜	A new channel from the Corteliar for the better supply of the Porel or Red Hills Tank, recommended and executed by Captain Vardon.
South Arcot .	21	Lower Anicut and dependent work	217237	19550	141403	32988	262432	In 7 years 615002	......	615002	......	87857	......	397765	40⅜	Across the Coleroon river for the better supply of the two Talooks of Chellumbrum and Manargoody on its left bank, projected by Captain (Lieut. Col.) A. T. Cotton and executed by Captain (Major) H. C. Cotton with the assistance of other Officers: it also supplies extensive tracts in Tanjore on the right bank of the river.
do ..	22	Vellár Anicut	80369	5294	32431	9236	60147	In 3 years 49414	......	49414	......	16471	......	......	20½	Across the Vellár river, immediately below the junction of the Veeranum tank surplus, projected by the late Captain Vardon and by Major H. C. Cotton for the purpose of conveying the Coleroon water (from the Veeranum tank) together with that of the Vellár to the Vallajah, Permál, and other tanks in the Bowangherry Talook.
do ..	23	Ragavien's Channel	13602 13	2691	19206	3379	24074	In 2 years 8966	......	8966	......	4483	......	......	32⅞	An old channel from the right bank of the Ponyár long disused —re-opened at the recommendation of Captain Vardon under the direction of Captain Birdwood.
Salem......	24	Extending Mahdévy Tank	1803	71	555	86	701	In 1 year 146	......	146	......	146	......	......	8½	An ordinary improvement recommended by Captain Bell.
Tanjore	25	Widening Mooliár	7094	8912	35382	9560	43067	In 3 years 19160	......	19160	......	6387	......	12066	90	Four works for the improvement of the drainage of the Tritrapoondy Talook in the South East of Tanjore, which has, by their agency and that of other improvements not here recorded, been converted from an almost impassable swamp, scantily cultivated, into one of the finest parts of the province. The first two works were recommended and performed by Major H. C. Cotton: the last two by Captain Lawford.
do	26	Hurrychundranuddy Anicut and Talnoyer Cotagum	4566	3094	13073	4370	26416	In 4 years 37303	......	37303	......	9326	......	32737	204¼	
do	27	New Nullár connected therewith	5212	6419	25714	6723	29866	In 3 years 10919	......	10919	......	3640	......	5707	69¾	
do	28	Improvement of Mercál-Kurrai-river	8602 1	15927	56462	18132	59669	In 2 years 3340	In 1 year 926	2414	......	805	......	......	9¼	
do	29	South Rajah Voykal	45126	25818	119987	29474	132770	In 8 years 51321	......	51321	......	6415	......	6913	14¼	The great duct on the right bank of the Coleroon from the Lower Anicut, with which project it was closely connected —it was executed by Major H. C. Cotton. It waters many old lands formerly ill supplied, besides large tracts formerly waste.
do	30	Rauren Voykal Anicut	2205	238	8997	239	12439	In 4 years 8486	......	8486	......	2121	......	6281	9½	Across the Trimulrajen river, an ordinary improvement recommended by Captain Ditmas.
do	31	Cundra Manicum do	3086	1844	8250	1890	12709	In 3 years 8703	In 1 year 803	7900	......	1975	......	4814	64	Do do do do
do	32	Vuddavoor Tank improvement	2802	595	1631	965	2776	In 4 years 3547	......	3547	......	887	......	745	31⅝	The final receptacle of the Vuddavár, a branch from the right bank of the Vennár, one of the principal rivers of Tanjore, —improved by Major H C. Cotton.
do	33	Cauvery Dam and improvement of Upper Coleroon Anicut	80359 4	......	......	......	......	Decrease of expenditure in 5 years 46945	......	46945	......	9389	......	......	11⅝	The Cauvery Dam is built across the head of that river close to the Upper Anicut: it was projected by Colonel Sim to prevent the deepening of the river by an excessive influx of water, and executed by Captain Lawford, who also projected and executed the improvement of the Upper Anicut by enlarging the sluices, constructing a bridge, &c. The result is a decreased expenditure for the defence of banks, &c.
do	34	Meratoor Anicut, and the works connected with	24235	......	......	......	......	In 3 years 69429	These items are included in the total of Rupees 390589.	......	......	......	......	......	......	Across the Vettár river, projected by Lieut. Col. A. T. Cotton for the better supply of a large tract executed by Major H. C. Cotton.
do	35	Upper Coleroon Anicut	128259	......	......	......	......	......		......	......	......	......	......	......	Across the Coleroon for the more effectual supply of the greatest part of Tanjore and more than half of Trichinopoly, projected by Lieut. Colonel A. T. Cotton, and executed with the assistance of other Officers by Major A. T. Cotton.
do	36	Chelloor Anicut across Vettaur	3712	......	......	......	......	In 3 years 13633		......	......	......	......	......	......	Across the Vettár, similar to the Meratoor Anicut, and projected and executed by the same Officers.
do	37	Mooliár Anicut and head sluice. Improvement of Iyanaur do. of Hurrichundranuddy	2990	......	......	......	......	......	......	......	......	......	......	......	......	An ordinary improvement recommended and executed by Major H. C. Cotton.
do	38	Arasalár Anicut for the benefit of Nátan Voykál and other works	8269	......	......	......	......	......	......	......	......	......	......	......	......	Do do do do
do	39	Trimacottah works	1581	......	......	......	......	......	......	......	......	......	......	......	......	Do do do do
			169046	554308	[illegible]52514	588353	*3027721	In 3 years 390589	......	390589	......	130196	......	221543	77	* This being the Revenue of the whole delta is compared with the expenditure on sundry improvements.
Trichinopoly..	40	New Iyen Voykal	13519	14458	[illegible]02389	15028	104009	In 5 years 5766	In 5 years 18030	......	12264	......	1226	......	loss 9 1/16	A new head from the Coleroon Anicut given to an old channel on the left bank formerly taken off some miles lower down—a necessary part of the Upper Anicut, projected and executed at the same time.
do ..	41	Ruttnagoody Anicut and Nuttud Nullah	10948 10	2299	6774	2773	8047	In 2 years 2878	......	2878	......	1439	......	......	13	An old work conducting the Parawully channel or Nuttud nullah across the Oopár river, extended, and the channel improved by Captain Lawford.
do ..	42	Sundry ordinary works	21128 5	38820	253094	41255	268587	In 2 years 25579	......	25579	......	12789	......	4451	60¼	Of the usual description, but particularly reported by the Collector.
do ..	43	Do do	6971 11	4485	29114	5216	30537	In 1 year 1566	In 1 year 143	1423		711	......	......	10 3/16	
do ..	44	Do do	28250 5	31468	177474	31565	176631	In 1 year 1123	In 1 year 1966	......	[illegible]	......	421	......	loss 1 7/16	
Coimbatore ..	45	Extension of Poolavalungal Channel	2483	140	678	365	1035	In 4 years 2687	......	2687	......	672	......	204	27	Recommended by the late Captain Shaw for the irrigation of waste land, executed by Vencatachellum Moodelly, Native Superintendent of Annamully forests.
do ..	46	Nunjah Pogalore Channel improvement	6785	1180	5893	1445	7487	In 7 years 8270	......	8270	......	1181	......	1489	17⅜	An ordinary improvement, recommended and performed by Captain (Major) Faber.
do ..	47	Wall in front of Calingaroyen Anicut	12235	6649	81170	6904	84357	In 7 years 15806	......	15806	......	2258	......	3571	18⅜	Erected in front of an old Native Anicut across the Bowany river, to prevent leakage and loss of water—projected and executed by Major Faber.
do ..	48	Pillyoor Tandinany and Sanapareddy Auxiliary Tanks and Coyenbully channel	6982	1707	8038	21811	14997	In 7 years 39077	......	39077	......	5582	......	33095	80	Recommended and executed by Major Faber for the better supply of the lands irrigated from the right bank of the Ambrávutty near Caroor.
Madura	49	Repairs to Chittanai across Vigay river and its channel	4177 8	1199	4713	1645	9822	In 7 years 16594	......	16594	......	2370	......	12416	56¾	An ordinary work particularly mentioned by the Principal Collector.
Tinnevelly ...	50	Adachány Channel	7514 12	250	1251	509	3306	In 5 years 7728	......	7728		1546		213	20¾	An ordinary improvement recommended by Major Faber, performed by Captain Horsley.
do ..	51	Valathacolum Tank	1519 12	16	54	106	535	In 3 years 960	......	960		320		......	21	Ordinary improvements recommended chiefly by Captain Horsley.
do ..	52	Teroovangadanadaporum Tank	643 1	156	1087	250	2665	In 2 years 2396	......	2396		1198		1753	186¼	
do ..	53	13 Other works	7436 9	1576	10289	2288	13573	In 2 years 6024	In 2 years 3143	2881		720		......	9⅜	
do ..	54	Autoor Tank improvements	4779	992	5071	2330	12841	In 8 years 47486		47486		5936		42707	124	Ordinary improvements recommended by Major Faber, the latter only partially completed.
do ..	55	Maranthy new Channel	10400 1	265	870	587	2667	In 7 years 9139		9139		1305			12⅜	
		Total Rs....	1017784 12	776495	4244059	897669	4984424	2183940	94431	2179847	15923	514757	2049	1231059		
								Deduct Decrease		15923		2049				
		Total Rs....	1017784 12							2163924		512708			50⅛	Average per centage for one year on the total outlay.

Many of these results have not been so accurately ascertained as the others, owing to the numerous difficulties connected with such subjects; but it is believed that upon the whole the statement affords a reasonable approximation to the truth.

MADRAS 27th June 1851.

[illegible] BELL, Secy. Board of Revenue D. P. W.

LIST OF SPECIAL AND OTHER WORKS OF IRRIGATION PERFORMED IN THE MADRAS PRESIDENCY FROM 1836 TO 1848—*Showing the Gross Profit, and an Annual Per Centage of Increased Revenue on the Outlay amounting to* 50⅜ *Per Cent on an Expenditure of Rs.* 10,17,784⅜.

INDEX *shewing the year in which each work was executed, and the latest year of which the results have been reported.*

No. of work in Statement.	Year in which work was done.	Latest years or Fusly of which returns entered. Year.	Fusly.	Revenue of the latest year or Fusly. Rs.	Remarks.
No. 1	1846	1846		11981	
2	1846–48		1258	23405	
3	1846–48		1258	32847	
4	1839–44	1843			
5	1841–42	1843		39537	In Woondy Talook.
6	1840–41	1843			
7	1840–44	1843			
8	1837		1255	51445	
9	1838		1255	28117	
10	1839		1255	18658 70050	
11	1842–44	1844		59319	
12	1841–46		1256	53159	
13	1839–40		1256	8176	
14	1845–47		1256	88368	
15	1847		1258	7163	
16	1846–47		1258	3131	
17	1844		1256	717	
18	1847–48		1258	1086	
19	1847–48		1258	1095	
20	1839	1844		7344	
21	1836–44	1844		199149	
22	1845–48		1258	43171	
23	1847–48 ..		1258	23304	
24	1844–46		1256	701	
25	1844	1846		42588	
26	1842	1846		25808	
27	1845–46	1846		29459	
28	1846–49		1259	59669	
29	1837–43	1846		132770	
30	1842	1846		11877	
31	1842	1846		12709	
32	1842	1846		2576	
33	1845–48	1849		1097 2 .. 179 12 ..	Trichinopoly. Tanjore.
34					
35					
36	1835–39		1249	3027721	This amount of Revenue has been obtained by multiplying the number of Velies (88253) cultivated under the Anicut by the rate per Vely of the standard, being agreeably to the Jumabundy report of Fusly 1249. A. D. 1839–40
37					
38					
39					
40	1836–38		1255	97159	
41	1847–48		1258	8379	
42	1847–48	1847–48		......	
43	1847	1847		......	No Revenue entered, as the works are not specified.
44	1848	1848		......	
45	1843–46	1846		1439	
46	1836–41	1844		7487	
47	1837	1844		83084	
48	1837–38	1844		14691	
49	1838–42	1844		9822	
50	1840–47		1258	3306	
51	1846–47		1258	462	
52	1847		1258	1905	
53	1847–48		1258	.. ...	No Revenue entered, as the works are not specified.
54	1840–44	1844		12841	
55	1837–41	1844		2547	

STATEMENT *shewing the amount of the additional Revenue obtained and of the expence incurred by the prolongation of Old and the excavation of New Channels from the Rivers Bhowany and Ambravutty since the Cession of the Province of Coimbatore to the British Government or from Fusly 1209 to 1249.*

Names of the Rivers.	Talook.	Names of the Water-courses.	Charges for the excavation of new Channels. Water-course. Charges incurred for the construction of the work.	Water-course. Amount of charges of annual repairs.	Water-course. Total.	Dam. Charges incurred for the construction of the work.	Dam. Amount of charges of annual repairs.	Dam. Total.	Total of columns 6 & 9	Amount of Revenue derived from the conversion of Punjah into Nunjah. Number of Villages.	When cultivated into Nunjah.	Amount derived from the cultivation of Nunjah.	Deduct amount of Punjah Teerwah.	Remainder	Decrease after deducting the amount shown in column 15 from column 10.	Charges incurred in the prolongation of old Channels. Water-course. Charges incurred for the construction of the work.	Water-course. Amount of charges of annual repairs.	Water-course. Total.	Charges incurred for the repairs of the Dam.	Total of columns 19 and 20.	Amount of Revenue derived from the conversion of Punjah into Nunjah. Number of Villages.	When cultivated with Nunjah.	Amount derived from the cultivation of Nunjah.	Deduct amount of Punjah Teerwah.	Remainder.	Net surplus after deducting the amount shown in column 21 from column 26.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27
Amravutty River	1 Dharapooram.	1 Gunaputty	8436 11 5		8436 11 5	14122 2 9		14122 2 9	22558 14 2						22558 14 2											
		2 Colinjewady														5383 3 3	5655 12 7	11038 15 10	797 7 10	11836 7 8	2	From F. 1218 to 1249	277911 11 5	20702 11 8	257208 15 9	245372 8 1
	2 Caroor	3 Chinna Dharapooram														8578 4 9	3480 12 0	12059 0 9	4392 15 7	16452 0 4	3	2 from 1225 to 1249 1 from 1227 to 1249	81803 0 10	5548 4 5	76254 12 5	59802 12 1
		Total	8436 11 5		8436 11 5	14122 2 9		14122 2 9	22558 14 2	1					22558 14 2	13961 8 0	9136 8 7	23098 0 7	5190 7 5	28288 8 0	5		359714 12 3	26251 0 1	333463 12 2	305175 4 2
Bhowany River	3 Sattimungalum	4 Tadapully														10693 11 0	14594 12 3	25288 7 3	5761 3 3	31049 10 6	4	2 from 1217 to 1249 1 from 1218 to 1249 1 from 1219 to 1249	373221 15 2	55264 7 2	317957 8 0	286907 13 6
		5 Aracuncottah														5243 1 0	5550 10 1	10[illegible]93 11 1	1023 9 11	11817 5 0	4	From 1218 to 1249	129744 0 8	16737 9 7	113006 7 1	101[illegible]89 2 1
		Total														15936 12 0	20145 6 4	36082 2 4	6784 13 2	42866 15 6	8		502965 15 10	72002 0 9	430963 15 1	388096 13 7
	4 Danaikencotta	6 Canienpolliem	19057 2 9	2305 3 11	21362 6 8	23912 12 0	1522 4 4	25435 0 4	46797 7 0	1	From Fusly 1237 to 1249	12988 2 9	3636 0 3	9352 2 6	37445 4 6											
	5 Errode	7 Calingaroyen water-course														8532 14 9	160[illegible]	24622 [illegible] 3	4627 8 10	29249 12 1	6	1 from 1213 to 1249 3 from 1215 to 1249 2 from 1216 to 1249	481410 11 4	85092 10 8	396318 0 8	[illegible] 7
		Total	19057 2 9	2305 3 11	21362 6 8	23912 12 0	1522 4 4	25435 0 4	46797 7 0	1		12988 2 9	3636 0 3	9352 2 6	37445 4 6	24469 10 9	36234 10 10	60704 5 7	11412 6 0	72116 11 7	14		984376 11 2	157094 11 5	827281 15 9	755165 4 2
		Grand Total	27493 14 2	2305 3 11	29799 2 1	38034 14 9	1522 4 4	39557 3 1	69356 5 2	2		12988 2 9	3636 0 3	9352 2 6	60004 2 8	38431 2 9	45371 3 5	83802 6 [illegible]	16602 13 5	100405 3 7	19		13440[illegible] 7 5	183345 11 6	1160745 11 [illegible]	1060340 8 4

Coimbatore, Principal Collector's Office,
26th January 1841.

Errors Excepted per.
G. D. DRURY, *Principal Collector.*

B

Statement of certain Improvements to Irrigation works in Coimbatore District with the results.

To

R. D. Parker Esqre.
Collector of Madura.

With reference to the Postscript to the Public Works Commissioners' Circular of August 6th. It is requested that the reply may be sent in as early as practicable.

[signature]
President of the Commission

No. 144

CIRCULAR.

Fort St. George, Commission Office,
23d October 1851.

From

The Commissioners of Enquiry into the System of Public Works in the Madras Presidency.

To R. D. Parker Esqre.

Collector of Madura

SIR,

The third of the questions in the Public Works Commissioners' Circular of the 26th July appears to have been misapprehended by several Collectors. The information sought is whether when advances for Maraumut work are issued from the Treasury, or credit is given there for an advance made in the Talook, the Treasury accounts detail in every case the names of the several works for which the advance is made, and specify the amount of the advance for each, or if not what detail is given in those accounts. Also whether the Talook Treasury reports of money issued (not the Maraumut Returns) show the advance and balance of each individual work.

2. The Commissioners request that you will be good enough now to reply to the question in the sense above explained—and that you will also inform them, with reference to the 2d question in the Circular above quoted, when it is the practice in your District to adjust the expended portion of the advances, by debiting the amount to the proper head; viz, whether this is done as soon as the accounts of the works are made up, and the actual cost so ascertained, or not until the receipt of the sanction of Government for the Bill.

3. Also with respect to the unexpended portion of the advance, whether that also is recredited in the accounts before or after the receipt of Government sanction for the Bill; and if the former, whether for each work as soon as the accounts are made up, or for all the works of the season at once.

4. The Commissioners also wish to be informed what accounts are kept in your District of the sums ordered to be recovered from the work-people or others, as having been overpaid; and what means are taken to effect the recovery of those sums—and you will be pleased to state as far as you can the amount outstanding on this account, with particulars of the years for which due.

5. Lastly in what language are the Maraumut accounts in the Talooks and the Hoozoor written respectively; and if in either case, it is the Marattah, is there any and what objection to the substitution of the vernacular language of the District; also, whatever the language, the figures ~~might not~~ might not with advantage be English.

6. The Commissioners are aware that some of the foregoing questions involve repetition from some Districts. But they are anxious to have accurate information on the several points referred to. They beg to request the favor of an early reply.

I have the honor to be,
Sir,
Your most obedient servant,

President of the Commission.

Krishnah Row

70/57

Lo 13/57

R

37

Department of Public Works

(Circular)

No 124

Memorandum

With reference to the Circular dated the 20 ultimo the Secretary to the Board of Revenue in the Department of Public Works is directed to notify to the Collectors that distinct projects are to be entered in the lists as single works

Madras
November 1857
Despd 10th do do

By order
H Bell
Secy Bd of Rev D P W

To
The Collector
of Madura

21

No. 71

Civil Engineer's Office 8th Dn.
Odoomullacottay, 11th Feby. /51

From
Captain W. H. Horsley
Civil Engineer 8th Division

To
R. D. Parker Esqre
Collector of Madura

Sir,

In reply to your letter No. 5, dated 17th January 1851, forwarding Copy of an Urzee from the Tahsildar of Iyempully with enclosures (herewith returned) on the subject of the Head Sluice to the Channel supplying Idoombencolum &ca tanks in that Talook, I have the honor to inform you that in my opinion the Piers objected to by the Zemindar of Ayecoody may be dispensed with, but it is essentially necessary that the Pier, and division wall in continuation of it, which separates one channel from the other should be kept in good order, and also that the flooring should be completed on the Zemindar's side. For want of this, the whole of

of the water, I am informed by the Talook Maistry whom I sent to the spot on the 8th Instant, is at present passing down the Zemindar's Channel.

It is not here, however, that the principal difficulty is experienced. Of the 3 Shares which form the left or Western Channel, the Zemindar is entitled to one and the Government ryots to two shares, and this division takes place at a spot about 200 yards from the head, termed Minpārah. You will find it fully described in Lieut. O'Connell's Diary of the 18th August 1849 and also in mine of 23rd May 1845.

Let him see the drawing

The opening in the revetment on the left of the Channel, through which the Government share of the water passes, is only 2 3/4 yards wide, while the main Channel by which the Zemindar receives his share is about 7 yards, shelving, it is true, over the face of the rock, and not of the same depth throughout.

It is easy for the Zemindar, however, by closing the Vent on the left, or even by partially blocking it up with stones, to draw off considerably more

than

than his fair share of the water, and being a person of influence in these parts, the Government ryots have no chance against him, unless the Tahsildar does his duty, and looks after the Government interests.

Under these Circumstances, I would beg to recommend the construction of a revetment and regulating bent at the spot termed Minparah, as shewn in the accompanying sketch prepared by the Talook Maistry under my directions, on an Estimate of Rupees 120.11. to be carried into effect as "Emergent" and charged to the account of Government, the Zemindar paying for the repair and due preservation of the Head Sluice as at present.-

I have no doubt the Zemindar will object to this arrangement, but provided he gets his fair share, viz one third, of the water, I do not see that he has any valid grounds for doing so, and to ensure his getting his fair share, I propose to make his bent one-half the width of that of the Government ryots, or 1 3/8 yards, as shewn in the accompanying plan.-

An Estimate for this work, framed by the Talook Maistry, and which has

has my approval, is likewise forwarded herewith.

I have the honor to be
Sir
Your Most Obt. Servant

E. W. Horsley Captn.
Civil Engineer 8th Dn.

Civil Engineer's Office 8th Dn.
Oodoomullacottu
11th February 1851

No. 22

R

43

From

2nd Lieutt P. O'Connell
1st Assistt Civil Engr
8th Division In charge

To

R. D. Parker Esqr
Collector
of Madura

Sir

I have the honor to acknowledge the receipt of your letter No. 29 dated 6th February 1837 enclosing a Copy of an Urzee from the Naib Sheristadar, respecting the tanks and Channels belonging to Sittamendel &c 4 Villages in Ramnad, lately assumed by Government, and requesting estimates for the repair of the same from this Office

In answer to which I have the honor to inform you, that the space of time intended by the Civil Engineer to be spent by me in commencing the Military Buildings at Ramnad, and returning to Madura

will not allow of my inspecting the tanks and Channels belonging to Sillamundel &c, and to suggest that they may be esti-mated for by the Ramnad Superintendent of the Shevagenza Zemindary

In case the Civil Engineer should direct me to delay my return to Madura and to prepare the estimates, they will be prepared in the beginning of March.

I have the honor to be
Sir
Your most Obedt. Servt.
P. Hornett 2d. Lieutt.
1st. Asst. Civil Engr.
8th. Division in charge

Tinnevelly District
Ootapedaram Talook
Coollanulloor
12th. February 1851

Feb. 23/51
Answered with No 223
a Bill for No 101
29 March

Tinnevelly Trichendoor
21st February 1851

From
C. J. Bird Esqr
Acting Collector

To
R. D. Parker Esqr
Collector of
Madura

Sir,

I have the honor to en:close an Extract from the Diary of the 1st Assistant Civil Engineer for January 1851 recommending the construction of a cross wall to an Aqueduct near Authoor of Puncha:mal Talook in this District, but belonging to the Ramisseram Davastanum and to request that you

you will be good enough to cause

the amount of Estimate viz Rs. 39.10...

to be forwarded to me by the Ra:

nusseram Oavastanum people.

I have the honor to be

Sir

Your most Obdt. Servt.

Tinnevelly
Trichendoor
20th. February
1851

W. Bird
Actg. Collector

42

No. 33.

1851
Dindigul 31st March

From V. H. Levinge Esqre
Acting Sub Collector.
To R. D. Parker Esqre
Collector of Madura.

Sir,

In reply to your letter of the 17th February No. 31, I have the honor to inform you that the contents of the Civil Engineer's letter were made known to the Ayacoody Zemindar. As surmized by the Civil Engineer the Zemindar does make two objections in his Urzee herewith sent. I am of opinion they should be over-ruled. If the whole of the water belonged to the Zemindar, and the Government Ryots were only entitled to a surplus and not to a certain num=ber

number of shares, there was no occasion for the division of the water at the head An-=nicut into fifths. Tradition gives the Government Ryots 2/5ths. Mr. Hurdis, in an Order to the Ayacoody Zemindar, dated 12th December 1798, says that the Mamool was 2/5ths. Captain Faber, in his Diary of the 38th June 1840, seems to contemplate the construc-=tion of a work similar to that proposed by Capt. Horsley. I am told that the Zemin-=dar's people not only stop up the Vardy (the sluice thro' which the Government lands are supplied), but from time to time scale off the face of the rock at

the

69

the place where the water divides, thereby lowering their Channel and permanently depriving the Government lands of a portion of the water to which they are entitled. The construction of the proposed work is therefore imperatively called for, to put a stop to the encroachments of the Zemindar's people; and I recommend that it be done, and that the proposed Sluice be built with a flooring which cannot be altered without detection.

2 The documents connected with the case are herewith forwarded with a List; and I request that they

they may be returned to
this Office when no longer
required.–

I have the honor to be,
Sir,
Your most Obedt. Servt.

Dindigul
31st. March
1851.

[signature]
Actg. Sub Collr.

To

R. D. Parker Esqre.
Collector
of
Madura.

No. 16

From

Captain W. H. Horsley
Civil Engineer, 8th Divn

To

R. D. Parker Esqre
Collector of Madura

Sir,

Under the circumstances mentioned in your letter No. 41, dated 22nd March 1851, I have the honor to state that I concur with you in opinion that the cost of constructing the Sluice for the irrigation of the lands belonging to the Zemindar of Mundoor should be borne by the Government, and I have accordingly requested the 1st Asst. Civil Engineer to include the Estimate for this work in his next Occasional List, in order that it may be submitted in due course for sanction.

I have the honor to be
Sir
Your Most Obedt. Servant
W. H. Horsley Capt.
Civil Engineer 8th Dn

Civil Engineer's Office 8th Dn
Cohraelum 1st April 1851

[illegible] original documents received with the above letter are herewith returned.

Ed M H

48

April 4/57

From,

2nd Lieutenant P. O'Connell

1st Assistant Civil Engineer

8th Division

53

To

R. D. Parker Esquire

Collector of

Madura

Sir,

In answer to your letter No. 48 dated 29th of March enclosing a copy of an urzee from Tha-tharappa Moodely of the Strewilly-poothoor Talook respecting the site of a Calingulah for Theventheputty Tank in the Terroomungalom Talook I have the honor to inform you that your letter and the urzee have been forwarded to the Civil Engineer.

I have the honor to suggest that the settlement alluded to in the urzee be sought for, as (if there be any such) it is contrary to the practise of the Twentheputty ryots who, for the last two Years at least, have let off their water at the spot chosen for the Calingula.

I have the honor to be

Sir,

Your most Obedt Servt.

P. O'Connell 2nd Lieutenant

1st Assistant Civil Engr.

...ura District
...on ad Zemindaury
...l a curr ay
April 1857

Civil Engineer's Office 8th D
Cokracolum 7th April 18

From
Captn W. H. Horsley
Civil Engineer 8th Division
To
E. J. S. Bird Esqre
Collector of Tinnevelly

Sir,

I have the honor to forward for your perusal an Original letter No. 48, dat 29th March 1851 from the Collector of Madur to the 1st Assistant Civil Engineer, transmitting copy of an Urzee from a Meerasdar of Rungapanaickencolum in the Streevelliputtoor Talook, objecting to the construction of a Calingulah of dischar in Sevantheeputty Tank of Thiroomungalum Talook, together with a letter from the latter Officer to my address, dated 2nd April 1851, and to suggest that the Tahsildar of Streevelliputtoor should be directe to visit the spot and to inquire in company with the Tahsildar of Thiroomungalum into the truth of the statement made by the Petitioner.

2 Lieutt. O'Connell you will observe states that the Sevantheeputty

Ryots

Ryots have been used to let off the surplus water of their tank at the spot selected for the new Calingulah at the southern extremity of the bund, and if so, I cannot see how the Meerassidar of Rengapahauckenpolum will be worse off after the Calingulah is built, than he is at present.

3 I request you will be so good as to return the enclosed docu=ments when no longer required.

I have &c.

(Signed) C. H. Horsley Captn.
Civil Engineer 8th Dn.

Civil Engineers Office 8th Dn.
Cotracolum 7th Apl. 1851

(True copy)

[signature]
Collector

65

No. 151

Civil Engineer's Office 8th D
Villupoorum, 30th April 18

57

From

Captain W. H. Horsley
Civil Engineer 8th Division

To

R. D. Parker Esqre
Collector of Madura

Sir,

I have the honor to acknowledge the receipt of your letter No. 65, dated 25th April 1851, transmitting an original Address (herewith returned) from Mr. De Fondclaire complaining that certain villages and lands in the Ummanaikenoor Zemindary are likely to be injured by the increase of water in the Nachecolum tank, consequent upon the repairs in progress on Asst. Surveyor Mason's Ordinary Estimate for the current year, and to inform you in reply that I have directed Asst. Surveyor McNair to inspect the locality and ascertain by means of the levelling instrument how far Mr. De Fondclaire fears for the said Villages and land are well founded, and shall be obliged if you will direct the Head Writer of your Office to make over to Mr. McNair the levelling instrument

instrument with tripod stand left in deposit by Serjeant Curley.—

It would be as well if the Manda=colum Tahsildar accompanied Mr. McNair to point out to him the boundary between the Nacheecolum tank and the lands belonging to the Ammanaickenoor Zemindary— that is, the extent of waterspread originally allowed to Nacheecolum; and if Mr. De Fondclair would appoint some one on his part to meet Mr. McNair and the Tahsildar, it might tend to prevent further reference.—

Asst. Surveyor McNair will be in Madura about the 4th proximo, and re=main there 3 or 4 days only on leave, after which he will return to the Shenkurray Talook, and on his way thither inspect the Nacheecolum tank and the lands ad=jacent to it belonging to the Ammanaicken=oor Zemindary.—

Taken accordy.

[illegible]

I have the honor to be
Sir
Your Most Obt. Servant

E. A. Worsley Capt.
Civil Engineer 8th Divn.

Vittapoorum
30th April 1851

N° 42. Amainaiknoor 21st April 1851.

To

R. D. Parker Esq.
Collector of
Madura

From

Fauve de Fonclair Esq.
Renter of the Amainaiknoor Zemindary

Sheweth

That the inside of the Nachy Colum Tank of the Village of Nachy Colum attached to the Madacoolum Talook, being on the boundaries of both the Shadayan Patty & Sholacolum Villages belonging to the Amainaiknoor Zemindary, since the Puysl, the Ryots of the said Village of Nachycolum in order to increase their wet cultivation have by degrees yearly elevated the banks of the aforesaid Tank & by so doing enlarged it so as to overflood a great quantity of land belonging to this Zemindary.

That this year the Nachy Colum Ryots having obtained 1000 Rs for making Maramat to their tank they intend again raising the banks of it & will thereby completely ruin the inhabitated Village of Shadayan Patty which will be overflooded, & waste at the same time about 100 Cawnies of cultivable land that will also be overflooded. Consequently your Petitioner begs you will be pleased to examine the said Tank & its boundaries & convince yourself of the truth of what your Petr has above ~~stated~~ & previous to your doing so, to give an immediate order to the Madacoolum Thasildar

[illegible] to stop the work that is now going on
For which act of Justice your Petr. will be
most grateful.

[illegible signature]

No. 160

From

Captain J. H. Horsley

Civil Engineer 8th Division

To

R. D. Parker Esqr.

Collector of Madura

Sir

In reply to your letter No. 66, dated 29th April 1851, transmitting Copy of one from the Acting Sub Collector, dated 31st March 1851, on the subject of the Channel supplying Strimbun colum &c. tanks in the Syempully Talook, and informing me that you have given directions for the Construction of the revetment and regulating vent, as proposed in my letter No. 71, of the 11th February last, I have the honor to state that I approve of Mr. Levinge's suggestion that the said vent or Sluice should be built with a flooring, the said flooring to be on the same level as that of the Government Sluice, to prevent the Zemindar's people lowering the Rock and so drawing off more water than they are entitled to. To effect this, it is only necessary to excavate to the depth of about 6 inches in the Rock, and to insert therein a flooring Stone in Cement, the upper surface of this Stone being the floor of the vent. It should be made to

project a foot or two into the cross wall which will prevent its being removed.—

The Talook Maistry can supply the necessary Estimate for repairing the Pier which divides the Eastern from the Western Channel, and the division wall in continuation of it, as also for completing the flooring on the Zemindar's side, all which are to be done at the Zemindar's expence.—

I am not able to say by whom the decision was passed adjudging $\frac{2}{3}$rds of the water in the Western Channel where it separates at Meenparah to the Government, and $\frac{1}{3}$rd to the Zemindar, but should suppose it was of long standing, as it appears from Captain Faber's Diary of the 18th June 1840 that there were no disputes on this point at the time when Mr Davidson settled the relative proportions which each party had a right to at the Head Sluice, and this latter was of course the main point to be settled; for if the Zemindar took more than his fair share at the head, the Government Ryots had no chance of getting their rightful share below.—

You will see by my Diary of the 23rd May 1845 how the Zemindar tried to evade Mr Davidson's decision and draw off more than

1.

his Share, even after the construction of the 5 vent sluice.

63

I have the honor to be

Sir

Your Most Obedient Servant

D. H. Horsley Captain

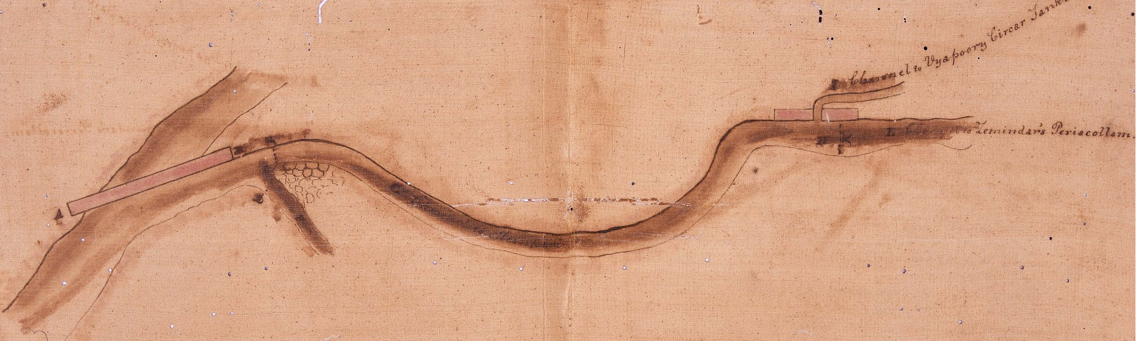
Civil Engineer 8th Division

Civil Engineer's Office 8th Dn

Cokraculum

1st May 1851.

Plan relative to a Water dispute between the Ayacoody Zemindar and Vulray Ryots.



AB Chucklyen Annicut.
CDE The 5 Vent Sluice.
F Papancollam branch.
G Channel to Meenpari.
H Meenpari.
I Channel to Vyapoory Circar Tank
K Situation of proposed new Vent
L Channel to Zemindar's Periacollam.

[illegible]
Act^g Sub. Coll^r

No. 185

From

Captain W. H. Horsley
Civil Engineer 8th Division

69

To

R. D. Parker Esqre
Collector of Madura

Sir

With Reference to the accompanying Original letter No. 413, dated 28th April 1851, from the Secretary in the Department of Public Works, I have the honor to forward for your opinion a Report by the 1st Assistant Civil Engineer on the Tanks of Perianenthel and Sithanenthel, situated in the Ramnad Zemindary, but lately made over to Government, together with a Return of Cultivation under them from Fusly 1244 to 1248 and an Occasional Estimate (with details of Earth and Masonry work drawn out separately for the use of your Department) amounting to Rupees 3704. 7. for the latter, and Rupees 632. 11. for the former work.

Lieutenant O'Connell, it will be seen, estimates the return for the above outlay at Rupees 298. from Sithanenthel and Rupees 900 from Perianenthel tank, after deducting Rupees 202 for annual Repairs to the former in addition to

xx to be returned

Aug 26/51

the present Estimate.

If the Repairs are not made Lieutenant O'Connell considers it most likely that the Revenue derived from the Nanjey lands will decline still further and in time be lost altogether.

The Estimate provides for Repairing the regulating Calingulah at the head of the supplying channel of Sithamenthel tank, raising the channel banks and closing breaches therein; also for Earth Repairs to the bund of the tank itself, and for Reconstructing 3 Sluices of irrigation and Repairing a Calingulah of discharge in the same.

The Repairs to Periamenthel tank consist of raising and widening its bund and constructing 2 new Sluices of irrigation.

Should you be of opinion that it is desirable to incur the expense estimated by Lieutenant O'Connell for the Repair of the above mentioned two tanks, I request you will be so good as to Return the Estimate with your countersignature and with the Annual Revenue Estimate columns filled in as usual.

I have the honor to be

Sir

Your most Obedient Servant

Civil Engineer's Office 8th Dn.
Aroopoocottah 26th May 1851

L. W. Horsley Captain
Civil Engineer 8th Division

Another Copy sent to Govt Vakeel on Stamp paper of Seven - No 203

June 15

97 From

Captain W. H. Horsley

Civil Engineer 8th Dn

71

To

R. D. Parker Esqr

Collector of Madura

Sir

In reply to your letter No 366, dated 22d May 1850, requesting that I will give you my opinion in refference to the dispute between the Nachecolum & Sellacolum ryots, the former belonging to Madacolum Talook & the latter to the Ammanaickenoor Zemindary, as well as state the degree of dependance which I think may be placed on the Survey Map, belonging to the Sub Collectors Cutcherry I have the honor to inform you that it is my firm belief that the Nachecolum tank is entitled to the whole of the water of the Hill Stream, across which the

the Sillacolum people desire to throw an embankment for the purpose of form=ing a new tank to the Eastward of that termed Poothooconimoy belonging to their Village.

2 The Sillacolum ryots who were pre=sent when Mr Woodgate & myself visited the place, acknowledged that there had never been any cultivation carried on to the East=ward of the said Hill Stream by means of tank irrigation, but only by a chan=nel taken off the Stream higher up its course.

3 It is my opinion that the tank in dispute was not in existence when the Survey of this part of the District was made in the years 1815, 16 & 21. It certainly is not shown in the Sub Di=vision Map, though Nacheerlum tank is, as well as the village of Sillacolum. The hill stream, also, is correctly deli=neated therein, and it is most probable that had this Stream been crossed by a band, such as the Sillacolum ryots now wish to construct, it would have

been so represented, whereas it is made to flow directly & without let or hindrance into Rachecolum tank, of which it is the principal source of supply. 73

I feel convinced, also, that an earthen embankment, not defended in front by a revetment would never stand against such a stream as the one in question must be during heavy rain & there are no signs of a revetment having been built formerly across it.

As respects the collection of rough stones at the east end of the tank in dispute, and which goes by the name of "Calingulah," it only proves thus much in my opinion, viz, that the Sittacolum people, some 25 years ago attempted to form a tank in the same place they are now doing and began, as is often the case, by constructing a work of this kind across a natural drainage channel to the Eastward of the main stream, before proceeding to dam up the latter by

an

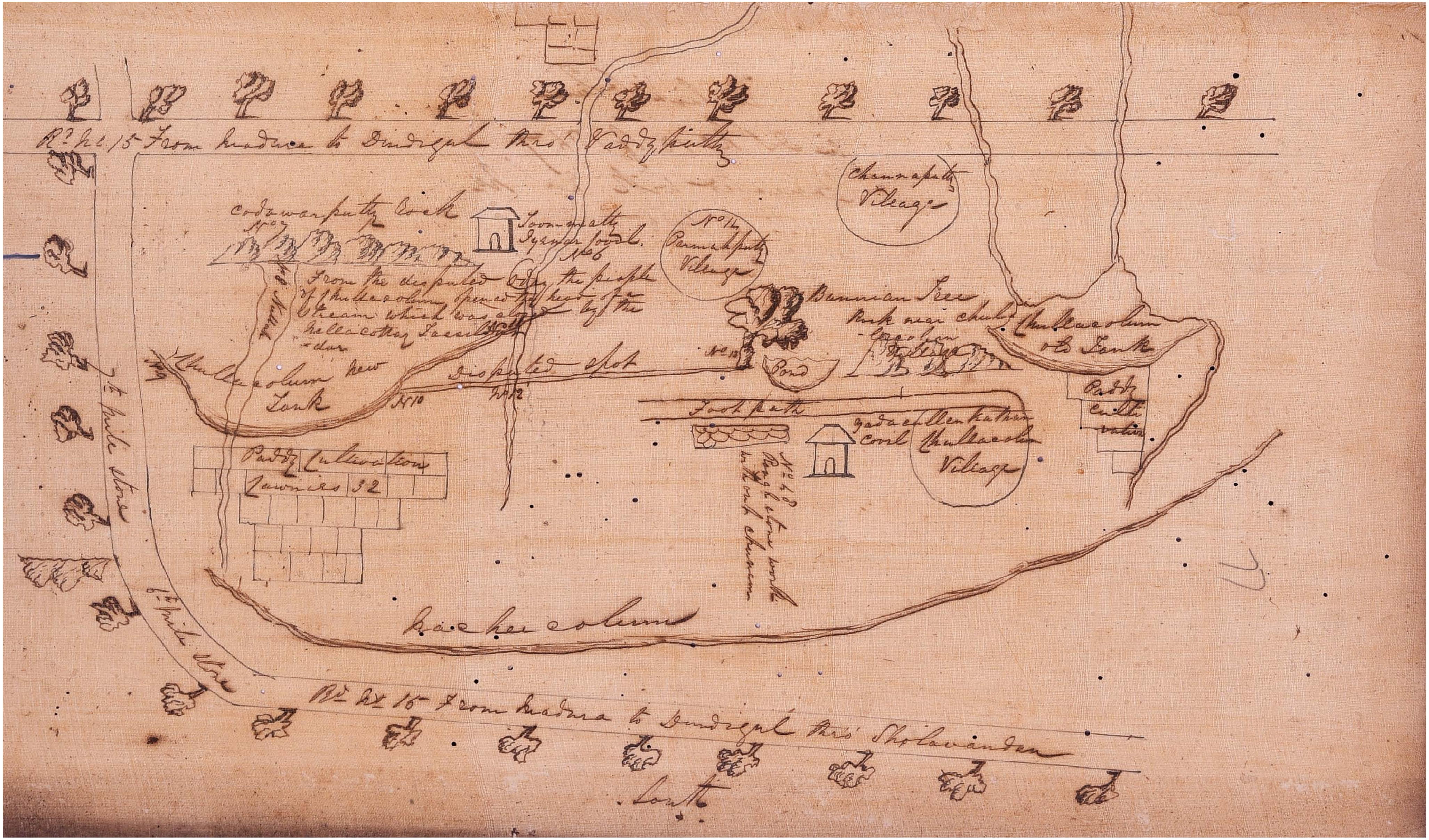
across their embankment, otherwise the stream would have forced a passage for itself & their labour would have been in vain. It is probable, however, that the Kachecolum people did then, as now, object to the formation of this bund, & hence neither tank nor Calingulah ever came into use. The Sellacolum people, as mentioned above, admitted thus much to Mr Woodgate & myself when questioned on the subject.

I lay great stress upon the non existence of any tank in the large Sub Division Map corresponding with the position of that in dispute. I consider that great dependance may be placed upon this Map. I have never yet found it wrong, & I have had occasion to examine it at different times very minutely. The smallest tanks, & even Oorneys, or ponds, are represented in their true position, & where the bunds of these cross Hill Streams, it is so shown in the map. The Hill Stream represented in the Map immediately

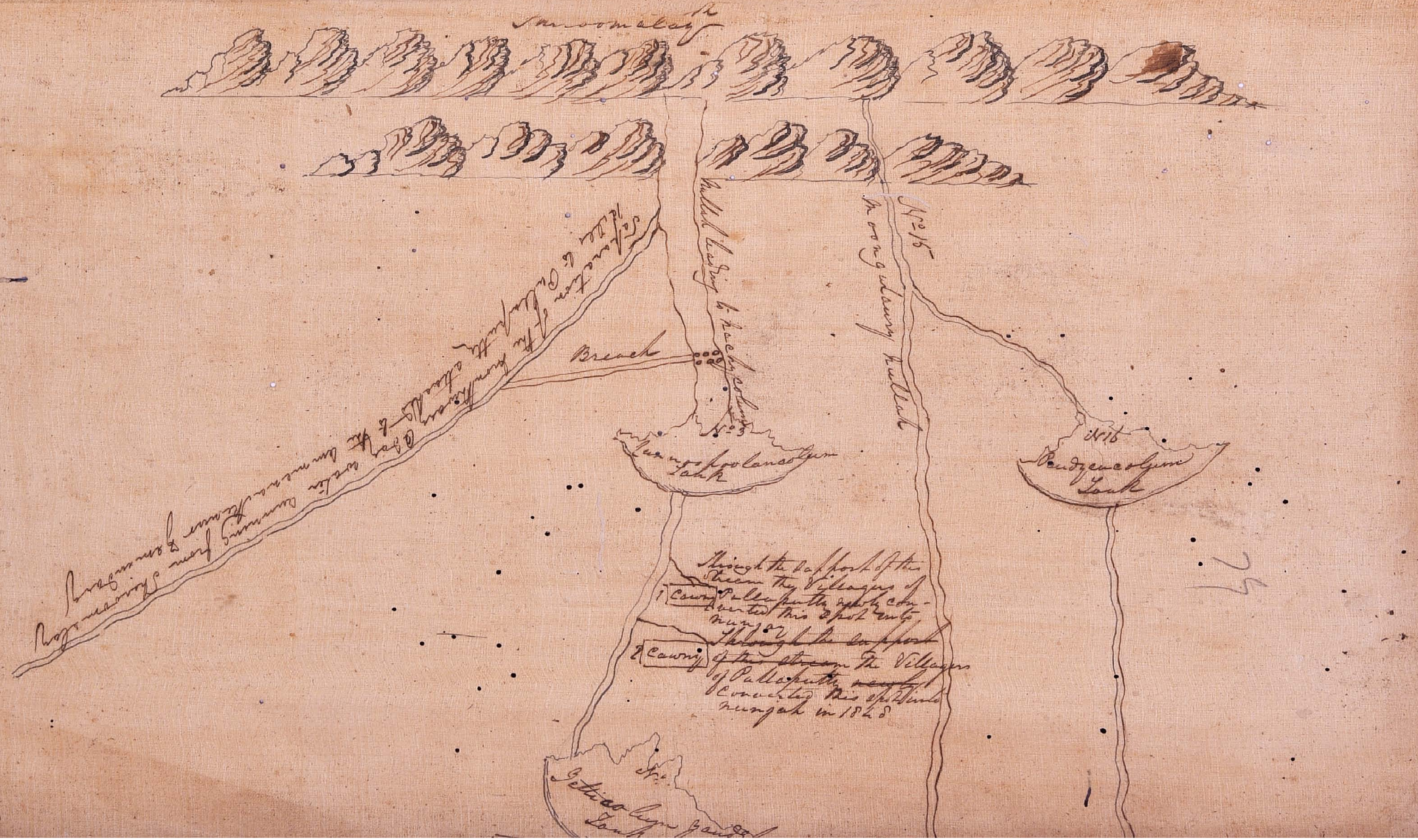
to the westward of the one under reference, is an instance in point. And hence it follows, in my opinion, that had the Surveyors met with a tank in the position of that now in dispute, the bund of which crossed the stream flowing into Rochecolum tank, they would have inserted it in the Map as faithfully as they have those similarly situated on other streams.

I have the honor to be
Sir
Your most Obedt. Servant
W. H. Horsley Capt.
Civil Engineer 8th Division

Civil Engineer's Office 8th Dn.
Paumben 12th June 1850.



Rd No 15 From Madura to Dindigul thro' Vaddyputty
Codowanputty Rock
No 7
Soon-maty Iyenar Covil.
No 6
From the disputed spot the people of Chullaeolum opened the head of the stream which was stopped by the Kellacottay Zemindar
No 14
Permalputty Village
Chennaputty Village
Bannian Tree
No 13
Rock near Chullaeolum
Chullaeolum old Tank
Pond
Disputed Spot
No 12
No 10
Chullaeolum New Tank
Foot path
Yadaeullenkathan Covil
Chullaeolum Village
Paddy Cultivation
Paddy Cultivation
Cawnies 32
No 48
Rough stone work without chunam
Baechaeolum
7th Mile stone
6th Mile stone
Rd No 15 From Madura to Dindigul thro' Sholavandan
South



No 15
Moongulaury Nullah
No 3
Tank
No 16
Tank
Breech
1 Cawny
2 Cawny
Through the support of the Stream the Villagers of Pullaputta converted this spot into nunjah
of Pullaputta converted this spot into nunjah in 1848

No. 22

From

Captain W. H. Horsley
Civil Engineer 8th Division

To

R. D. Parker Esqre
Collector of Madura

Sir

I have the honor to forward herewith for your information Copy of a letter addressed by me to the Collector of Tinnevelly on the subject of the Rungapanaiken and Vapencolum tank dispute, and to suggest that the Tahsildar of Thirumungalum should be directed to meet the Streevillyputhoor Tahsildar once more as soon as the latter intimates to him that he has been furnished with the Rungapanaiken Nunja Ayacut accounts from his Hoozoor, and that they together, should ascertain whether the newly raised portion of the bund of Vapencolum is within its own Ayacut limits or those of Rungapanaiken colum and also to whom the lands lying North of the present surplus channel belong, for upon these points will depend the settlement of the matter in dispute viz the proper site for the Calingula about to be constructed in Vapencolum tank on an Estimate of Rupees 315 . 8, sanctioned by

Government on the 7th January 1851. —

I would further suggest that the construction of the Calingulah should be postponed pending further enquiry. —

I have the honor to be
Sir
Your most Obedient Servant

W. A. Horsley Captain
Civil Engineer 8th Dn.

Civil Engineer's Office 8th Dn.
Cudapatty 15th July 1851

Civil Engineer's Office 8th D.
Cullpetty 15th July 1851.

No. 223.

From

Captain W. H. Horsley
Civil Engineer 8th Division

To

C. J. Bird Esqre
Collector of Tinnevelly

Sir,

I have the honor to acknowledge the receipt of your letter No. 878, dated 9th July 1851, enclosing copy of a Petition from the Meera-sadar of Rungapanaiken colum in the Streevellypoothoor Talook and to inform you that I have spoken to the Tahsildar, as well as to the Petitioner regarding the matter in dispute and find that a very important document, viz. the Punjah Ayacut of the above mentioned tank, is not to be found among the Talook records, and was therefore not produced when the enquiry was made by the Tahsildars of Streevellypoothoor and Thirommungalum.

It is admitted by both Tahsildars that the Vapencolum people, belonging to Madura have extended their bund considerably even since 1847, but they were not able to say to whom the land on which the new bund had been constructed, belonged, for want of the Punjah Ayacut accounts of Rungapa-

naiken tank. I would suggest therefore, that these accounts should be sent from the Huzoor and that the Tahsildars of Ttinevelly [?] Northern and Thiroomungalum should again meet at the spot and ascertain whether the newly raised portion of the bund of Vapencolum is within the Ayacut limits of Rungapanaikencolum as the Petitioner states, and also, to whom the lands lying North of the present surplus channel of the former tank belong.

Should it be found that the Vapencolum bund has been extended of late years, on the side of Rungapanaikencolum beyond its former limits, I shall be disposed to recommend that the new Calingulah be constructed at the proper Southern extremity of the bund of the former, and not at that which has been made so by encroachment upon another man's property, and that apparently in the face of orders issued in 1847 by the Acting Head Assistant Collector of Madura.

I have &c.

Signed / W. H. Horsley Capt.
Civil Engineer 8th Dn.

True Copy

W. H. Horsley Captain

Civil Engineer 8th Dn.

(D. 45/51)

No 80

Madura [illegible] July 1851.

From V. H. Levinge Esqre
Acting Sub Collector.

To R. D. Parker Esqre
Collector of Madura.

Sir.

With reference to my Letter to your address, under date the 28th of May last, No 69, I have the honor to enclose a Report from the Tahsildar of Trukaray Talook, bringing to notice the completion of the repairs to the work at the Maduro=godum Anicut, at the expense of the Villagers, according to the directions given him.

I have the honor to be
Sir,
Your most Obedt Servt
V. H. Levinge
Actg Sub Collr

119 No. 233

From

Captain W. H. Horsley
Civil Engineer 8th Dn.

To

R. D. Parker Esqre.
Collector of Madura

Sir

In reply to your letter No. 101, date 18th. July 1851, annexing Copy of one from the Acting Sub Collector, dated 17th. idem, and enclosing Copy of an Arzee from the Tahsildar of Nellacotta suggesting alterations in the sites of a Bridge of 6 ft. x 3 ft. and Pavement of 25 yards to be constructed on Road No. 15 under the Sanction of Government dated 24th. Jany. 1851, I have the honor to state that I do not approve of the Tahsildar's suggestions, and for this reason that the Bridge and Pavement in question would not have sufficient water way for the streams across which the Tahsildar wishes to build them, the Bridge especially, would be sure to suffer, and consequently I would not advise their being built in such positions.

In the column of remarks in the body

of the Estimate it is particularly mentioned that the Road is to be taken to the North of the present line and to continue on the north for a distance of 1 furlong westward of the first Stream alluded to by the Tahsildar, and again, in the same Column opposite the Second Stream, you will find this remark: "a Bridge very desirable but deferred for the present", shewing that I did not overlook the said Streams, but considered them too large for any but expensive works which would have raised the Amount of the Estimate so much that it is more than probable we should not have got it sanctioned.

The Tahsildar in his Arzee takes no notice of the change in the line mentioned above, and I doubt very much whether he or the Maistry have any idea of it. I would recommend, therefore, that nothing should be done to this portion of the Road till I can see it myself and mark out the new line which I hope to be able to do in October or November next.

I have the honor to be
Sir
Your most Obedient Servant

E. B. Horsley Captain
Civil Engineer 8th Dn.

Civil Engineer's Office 8th Dn.
Caemajorpoorum 25th July 1851

122 No. 246 1256/51

From,

Captain W. H. Horsley
Civil Engineer 8th Dn.

To, 87

R. D. Parker Esqr.
Collector of Madura

Sir

With reference to your letter No. 87, dated 3rd June 1851, I have the honor to forward herewith for your information and eventual return to this Office an original letter from Asst. Surveyor McRae on the subject of the Thimaca Colum in the limits of Goodooloor, in the Thenkurray Talook, together with a valuation of the repairs executed by the Durkastdar, and an Estimate of the expense required for completing the repairs to the said tank and its supplying Channel, the former amounting to Rs. 607. 3. - and the latter to Rs. 2983. 1. -

Mr. McRae, you will observe, thinks it probable that a larger sum than that shewn in his valuation may have been spent on the tank, but not more than Rs. 800. - -

the

The extent of land which it is capa-
ble of irrigating does not exceed 27
Cawnies, and though the soil is good, yet
from insufficiency of water at the pro-
-per season, it does not produce more
than one crop in the year.

The supplying Channel taken off
the Sorrunganathoo Jungle Stream ap-
-pears to be in very bad order and Mr.
Mc. Kain estimates its repairs at Rs.
1500, exclusive of the amount required
for putting the tank itself in proper or-
-der, which latter he estimates at Rs. 1453-12.

Under these circumstances, it is
evidently not advisable to undertake
the work on account of Government.

Mr. Mc. Kain suggests that the
Thimacacolum might be supplied by a
branch channel taken off the Vyravan-
-aur, but this, I think, would be strong-
-ly objected to by the Thamaracolum
ryots, whose tank is supplied from
this river at present, and it would not
be fair to deprive them of a portion of
their water simply to favor the Dur-
-kastdar, Soobroo Gounden. It would, more-
-over,

-over, be likely to lead to endless dis-
-putes between the two parties and
on this account I do not recommend
it.-

91

I have the honor to be
Sir
Your Most Obed^t. Servant

W. H. Horsley Capt.
Civil Engineer 8th. D.

Civil Engineer's Office
8th. Division
Coomaporoorum
30th. July 1851.

P. S. A Sketch and levels of the
Thimaca colam tank is herewith for-
-warded with a request that it may be
returned to this Office when no longer
required by you. - W. H. H.

Not rec^d
with the
Off^r

From the Civil
Engineer 8th Division
dated 30th July 1850
Recd 5 Augt

No. 276

From

Captain W. H. Horsley
Civil Engineer 8th Divn.

To

R. D. Parker Esqre.
Collector of Madura

Sir,

With reference to my letter No. 22
dated 15th July 1831, I have the honor to in-
form you that I have received from the Tah-
sildar of Shoroomungalum an Arzee, date
19th Instant, together with a Sketch shew-
ing the relative positions of Seventhupitty Va-
pincolum belonging to Madura and Runga-
panaikencolum of Tinnevelly, from which it
appears that the original length of the bund
of the former was 49 chains from North to
South and that it has been increased of late
years 200 yards on the north and 452 yards
on the South.

It further appears that while the case was under enquiry by the Tahsildars of Thiroomun-galum and Streewellypoothoor, the parties entered into a compromise by making an exchange of lands among themselves and by consenting to have the Calingulah built at the place marked **F** in the Sketch, copy of which and of his Arzee I doubt not the Tahsildar has sent you.—

The Collector of Tinnevelly has written to me to say that as the arrangement appears to be fair and has received the approbation of both the Tahsildars, he would suggest that the Calingulah be accordingly built at the site indicated by the letter **F** in the Sketch, which is in fact at the Southern extremity of the original bund.—

I also approve of the site selected for the work and would recommend that it should be built there as soon as practicable after the North East Monsoon rains are over. It is too late to carry the work into effect this year.

I

I have the honor to be

Sir

95

Your most Obedient Servant

W H Horsley Captain

Civil Engineer 8th Dn.

Civil Engineer's Office 8th Dn.

Casmajorpoorum 29th Sept. 1851

Recd 22/51

No. 337

Civil Engineer's Office 8th D.
Callegoody, 19th Decr. 1851

From

Captain W. H. Horsley
Civil Engineer 8th Division

To

R. D. Parker Esqre.
Collector of Madura

Sir,

I have the honor to acknowledge the receipt of your letter No. 165, dated 9th Instant transmitting an Urzee from the Police Aumeen of Madura, together with an Estimate of Rs. 74. 2. 3 for enlarging 6 Tunnels on [illegible] Rd. No. 4 between Madura and Pasoomullay, which is now being gravelled from funds furnished by the Manager of the Meenatchee Pagoda, and to state, that in my opinion the additional length recommended by the Police Aumeen is very necessary, but as its execution as "Emergent" is not exactly in accordance with the abstract of Circular Order, section 3 para 2, I would suggest that the work should be carried into effect from the Discretionary Allowance at your disposal.

herewith returned

Fort Stones might be made use of for

[illegible]
[illegible]
[illegible]

for the purpose of lengthening the tunnels.—
If the Vents could be enlarged at the same
time by raising the side walls about 1 foot
and replacing the covering stones, it would
afford more waterway, and the road might
be raised in the same proportion, which is
very necessary, as it is now in some parts
very little above the paddy fields, and I have
myself seen it entirely under water after
two or three hours of very heavy rain.—

I have the honor to be
Sir
Your Most Obt. Servt.

E. H. Horsley Capt.
Civil Engineer 8th Divn.

Civil Engineer's Office 8th Divn.
Culleegoody, 19th December 1851

A.D. 22/57

No. 538

To

Captain W. H. Horsley
Civil Engineer 8th D[...]

A

150

H. D. Parker Esqre
Collector of Madur[a]

Sir,

I have the honor to return the Urz[ee]
from the Manager of the Madura Pagoda
which accompanied your letter of the [...]th In-
stant and to inform you that [...]
tion of lowering the channel by which the
Perimaul Pagoda Teppacolum is supplied
below the level of the floor of the vent through
which the water is conveyed to the said Teppa-
colum, but simply to widen and lower it to that
level.

When a supply of water is required for the
Perimaul Teppacolum it is usual to throw a
small bank across the open channel immediately
below the weir of the covered conduit [...] turn the
stream into the latter, and nothing [...] be re-

required after the former has been widened and lowered to the extent allowed in my Estimate

I have the honor to be

Sir

Your most Obedient Servant

[illegible] Captain
Civil Engineer 8th Divn

Civil Engineer's Office 8th Divn
Calcutta 19th December 1851